

What is claimed is:

1. A digital still camera comprising:  
an organic image sensor for capturing an image;  
a lens having an aperture value  $F$ ; and  
a shutter having a shutter speed  $T$  (sec);  
wherein, a exposure value  $EV$  of the digital still camera is not less than 6 and not more than 15, where the exposure value  $EV$  is represented by the following equation;  
$$EV = 3.32 \log_{10} (F^2/T).$$
2. A digital still camera comprising:  
an organic image sensor, for capturing an image, having an image-capturing device sensitivity index  $SV$ ; and  
a lens having an aperture value  $F$ ;  
a shutter having a shutter speed  $T$  (sec);  
wherein a system sensitivity index  $S$  of the digital still camera is not less than 0 and not more than 4.5, where the system sensitivity index  $S$  is represented by the following equations;  
$$S = \text{exposure value } EV - SV$$
$$EV = 3.32 \log_{10} (F^2/T).$$

3. The digital still camera of claim 2, wherein a exposure value EV of the digital still camera is not less than 6 and not more than 15.

4. The digital still camera of claim 3, further comprising a strobe, wherein a guide number of the strobe is not greater than 10.

5. The digital still camera of claim 3, wherein the exposure control section comprises a fixed focus mechanism and a fixed aperture mechanism.

6. The digital still camera of claim 3, wherein the digital still camera is reusable through collection after being used.

7. A digital still camera comprising:  
an organic image sensor for capturing an image; and  
a lens having an aperture value F; and  
a shutter having a shutter speed T (sec);  
wherein a photoelectric conversion section of the organic image sensor has an opening area ratio of not less than 80% and less than 100%.

8. The digital still camera of claim 7, wherein a size (a side length) of a pixel in the organic image sensor is not less than 2  $\mu\text{m}$  and not greater than 200  $\mu\text{m}$ .

9. The digital still camera of claim 7, wherein a size (a side length) of a pixel in the organic image sensor is not less than 20  $\mu\text{m}$  and not greater than 200  $\mu\text{m}$ .

10. The digital still camera of claim 7, wherein a size (a side length) of an image-capturing plane in the organic image sensor is not less than 24 mm and not greater than 150 mm.

11. The digital still camera of claim 7, wherein a size (a side length) of an image-capturing plane in the organic image sensor is not less than 35 mm and not greater than 150 mm.

12. A digital still camera comprising:  
an organic image sensor for capturing an image;  
a lens having an aperture value F; and  
a shutter having a shutter speed T (sec);

wherein, a size (a side length) of a pixel in the organic image sensor is not less than 2  $\mu\text{m}$  and not greater than 200  $\mu\text{m}$ , and a size (a side length) of an image-capturing plane in the organic image sensor is not less than 24 mm and not greater than 150 mm.

13. A digital still camera comprising:

an organic image sensor, for capturing an image, having an image-capturing device sensitivity index SV;

a lens having an aperture value F; and

a shutter having a shutter speed T (sec);

wherein a system sensitivity index S of the digital still camera is not less than 0 and not more than 4.5, and a exposure value EV of the digital still camera is not less than 6 and not more than 15; where the system sensitivity index S and the exposure value EV are represented by the following equations;

$$S = EV - SV$$

$$EV = 3.32 \log_{10} (F^2/T),$$

wherein a size (a side length) of a pixel in the organic image sensor is not less than 2  $\mu\text{m}$  and not greater than 200  $\mu\text{m}$ , and a size (a side length) of an image-capturing

plane in the organic image sensor is not less than 24 mm and not greater than 150 mm.

14. The digital still camera of claim 12, wherein the organic image sensor has at least three maximum spectral sensitivity values, and each wavelength,  $\lambda_{\max 1}$ ,  $\lambda_{\max 2}$  and  $\lambda_{\max 3}$ , providing the maximum spectral sensitivity value, satisfies the following formulas (1) to (3),

$$\text{Formula (1): } 400 \text{ nm} < \lambda_{\max 1} < 500 \text{ nm}$$

$$\text{Formula (2): } 500 \text{ nm} < \lambda_{\max 2} < 600 \text{ nm}$$

$$\text{Formula (3): } 600 \text{ nm} < \lambda_{\max 3} < 700 \text{ nm.}$$

15. The digital still camera of claim 14, wherein each wavelength,  $\lambda_{\max 1 (80)}$ ,  $\lambda_{\max 2 (80)}$  and  $\lambda_{\max 3 (80)}$ , of the organic image sensor, which provides 80% of the maximum spectral sensitivity value at the longer wave length side of each of the wavelength,  $\lambda_{\max 1}$ ,  $\lambda_{\max 2}$  and  $\lambda_{\max 3}$  satisfies the following formulas (4) to (6),

$$\text{Formula (4): } 50 \text{ nm} \geq \lambda_{\max 1 (80)} - \lambda_{\max 1} \geq 25 \text{ nm}$$

$$\text{Formula (5): } 50 \text{ nm} \geq \lambda_{\max 2 (80)} - \lambda_{\max 2} \geq 25 \text{ nm}$$

$$\text{Formula (6): } 50 \text{ nm} \geq \lambda_{\max 3 (80)} - \lambda_{\max 3} \geq 25 \text{ nm.}$$

16. The digital still camera of claim 12, wherein the organic image sensor comprises multiple lamination layers which are capable of detecting blue-light, green-light and red-light.

17. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises at least one of titanium oxide, zinc oxide, tin oxide and tungsten oxide.

18. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises an organic pigment having a particle diameter of not less than 0.1 nm and not more than 1000 nm.

19. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises an electric conductive polymer material.

20. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises at least one of a furalene and a carbon nanotube.

21. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises a charge-transporting material.

22. The digital still camera of claim 12, wherein a photoelectric conversion section of the organic image sensor comprises a hole-transporting material.

23. The digital still camera of claim 12, wherein a generated charge processing section of the organic image sensor comprises an organic semiconductor.

24. A digital still camera comprising:  
an organic image sensor for capturing an image;  
wherein, the organic image sensor comprises a non-flat image-capturing plane.

25. A manufacturing method of a digital still camera provided with an organic image sensor, comprising the step of preparing the organic image sensor by utilizing an inkjet method in at least one process of preparation.

26. A manufacturing method of a digital still camera provided with an organic image sensor, comprising the step of preparing the organic image sensor by utilizing a printing method in at least one process of preparation.